

ECS Configuration Change Request

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1. Originator Randy Miller	2. Log Date: 1/6/99	3. CCR #: 99-0009	4. Rev: —	5. Tel: x0400	6. Off: 2078	7. Org. Dev/CO
8. Title of Change: Deliver Quince Patch (4PX.17) to SMC for Distribution to All Sites						
9. Originator Signature <i>Randy Miller</i>	10. Date: 1/6/99	11. Class II	12. Type: CCR	13. Need Date: 1/6/99		
14. Office Manager Signature <i>Tommy S. ...</i>	15. Date: 1/6/99	16. Date CCB Decision Needed: 1/6/99	17. Category of Change: Update Baseline	18. Priority: Emergency		
19. Documentation/Drawings Impacted: Patch Documentation Attached		20. Schedule Impact: None		21. CI(s) Affected: PLS, STMGT		
22. Release Affected: 4PX		23. Date due to Customer: 1/6/99	24. Impl. Date: 1/6/99	25. Effectivity of Change: 1/6/99	26. Est. Cost None	
27. Source Reference: <input checked="" type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> GSFC CCR <input type="checkbox"/> Tech Ref. <input type="checkbox"/> Other: 19259, 19778, 19947						
28. Description of Change: (use additional Sheets if necessary) Fixes for a PLS problem (19259/19947) and an FTP distribution problem (19778) are being made to the 4PX baseline.						
29. Proposed Solution: (use additional sheets if necessary) Merge the required files to the 4PX (Jade) Maintenance Branch, build, run the delivery scripts, and deliver the Sun and SGI tar files to the SMC for distribution to all sites.						
30. Alternate Solution: (use additional sheets if necessary) Do not patch 4PX.						
31. Consequences if Change(s) are not approved: (use additional sheets if necessary) SSI&T schedules are impacted by the PLS problem; external interface tests are impacted by the STMGT problem.						
32. Does Change Affect Any of the following (Please Explain on additional sheet): <input type="checkbox"/> Maintenance Training <input type="checkbox"/> Performance <input type="checkbox"/> Operation Training <input type="checkbox"/> Safety <input type="checkbox"/> Service <input type="checkbox"/> Support <input type="checkbox"/> Test <input type="checkbox"/> Baseline (XRP) <input type="checkbox"/> Y2K Compliance						
33. Organization(s) Affected: <input type="checkbox"/> CM <input checked="" type="checkbox"/> Clearcase SG <input type="checkbox"/> Contracts <input type="checkbox"/> Chief Eng <input type="checkbox"/> FOS <input type="checkbox"/> M&O <input type="checkbox"/> QO <input checked="" type="checkbox"/> Rel Dev <input type="checkbox"/> Procurement <input type="checkbox"/> RTSC <input checked="" type="checkbox"/> Sci. Data Eng <input type="checkbox"/> Security <input type="checkbox"/> Sys. Dev. <input type="checkbox"/> Sys. Eng. <input type="checkbox"/> Sys Verf Acpt <input type="checkbox"/> Other						
34. Site(s) Affected: <input type="checkbox"/> EDF <input checked="" type="checkbox"/> Mini-DAAC <input checked="" type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input checked="" type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> Other						
35. Board Comments:				36. Work Assigned To: CSG		
37. Release Authorized (For CM Use Only): <input type="checkbox"/> Yes <input type="checkbox"/> No			38. CM Verified/Signature and Date			
39. EDF/REL2 CCB Chair (Sign/Date): <i>Max ... 1/6/99</i>		40. Disposition: <input checked="" type="checkbox"/> App <input type="checkbox"/> Ap/C <input type="checkbox"/> DisApproved <input type="checkbox"/> Withdraw <input type="checkbox"/> Fwd/ECS <input type="checkbox"/> Fwd/EDIS		41. ESDIS ERB Concurrence:		
42. ECS CCB Chair (Sign/Date):		43. Disposition: App <input type="checkbox"/> A/C <input type="checkbox"/> DisApproved <input type="checkbox"/> Withdraw <input type="checkbox"/>		44. CCR Closed Date:		

CM01 August 27, 1998

ECS/EDF/REL2 CCB

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NCR	Subsystem	S	F	D	4PX Merge	4PX Build	Developer	NCR Title
19259	PLS	1	E	T	0104004	105001	gcasamen	Failed to process subscription notifications
19778	STMGT	1	E	T	1223011	105001	cduma	Larry server ingest failure due to ftp change
19947	PLS	1	E	T	0104004	105001	gcasamen	PRE: Failed for ASTER case with AST_L1BT as routine datasource

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4PX Patch "Quince"

Purpose

The Quince patch (4PX.17) provides fixes to the Subscription Manager, the Production Request Editor, the Staging Disk Server, the ftp Distribution Server, and the Ingest FTP Server.

NCRs Fixed

The Quince patch fixes NCRs 19259, 19778, and 19947.

Nature of Fix

C++ code was modified in the PDPS core libraries, the Staging Disk library and server, and the ftp library and servers.

Installation Instructions

Dependencies And Preconditions. The Quince patch can only be installed into modes containing the 4PX.16 (Pumpkin) revision level of ECS.

Contents of the Patch Kit: This patch consists of two tar files, with contents as follows:

Sun: EcPlSubMgr, EcPlPREditor, EcPlPREditor_IF, libDsStFtp.a, libDsStFtpSh.so, libDsStSt.a, libDsStStSh.so, EcDsStStagingDiskServer, EcDsStFtpDisServer, and EcDsStIngestFtpServer.

SGI: libDsStFtp.a, libDsStFtpSh.so, libDsStSt.a, libDsStStSh.so, EcDsStStagingDiskServer, EcDsStFtpDisServer, and EcDsStIngestFtpServer.

Please note that the static link libraries (".a" files) on both Sun and SGI and the shared libraries (".so" files) on the SGI were included in the tar files but can be ignored – these libraries are bound into the executables.

READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION.

General Instructions. These instructions are to be followed for all subsystems, **except as noted below** under Subsystem Specific Instructions:

- 1) Download and stage the files for the 4PX Quince delivery from the SMC.
- 2) DO NOT perform any clean-up activities (data, databases, CDS entries, et cetera).

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- 3) DO NOT install ECS Assist from the staging directory using the setup script.
- 4) Copy the files from the staging area to their target directories, overwriting the existing versions of these files: The Sun PLS files (EcPlSubMgr, EcPIPREditor, and EcPIPREditor_IF) are copied to the Planning Server. **At EDC only**, the Sun Staging Disk Server files (libDsStStSh.so and EcDsStStagingDiskServer) are copied to the Distribution Server controlling the standalone D3 tape drive (e0dip01). The SGI Staging Disk Server is copied to the Archive (drg), Working Storage (wkg), Access Control (acg), and Ingest (icg) Servers. The SGI ftp Distribution Server is copied to the Archive (drg) and Access Control (acg) Servers. The SGI Ingest ftp Server is copied to the Ingest (icg) and Access Control (acg) Servers. *You are done installing the patch.*
- 5) DO NOT perform an installation to SHARED Mode.
- 6) DO NOT perform a Toolkit installation.
- 7) DO NOT perform any mkconfigs using ECS Assist -- no changes in configuration are required by the patch.
- 8) DO NOT perform any database updates.
- 9) DO NOT re-install any ESDTs.

Subsystem Specific Instructions.

None

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